



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Hartman Windows and Doors, LLC.
531 Southern Boulevard
West Palm Beach, FL 33405

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "European" 10'0" W/E Outswing Glazed Wood French Door- L.M.I

APPROVAL DOCUMENT: Drawing No. **W07-16**, titled "Series European Outswing Wood Patio Door (L.M.I.)", sheets 1 through 9 of 9, dated March 03, 2007 with revision B dated September 10, 2007, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
9/12/07

NOA No. 07-0522.05
Expiration Date: October 04, 2012
Approval Date: October 04, 2007
Page 1

Hartman Windows and Doors, LLC.

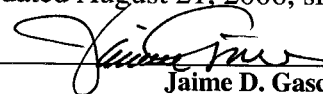
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W07-16**, titled "Series European Outswing Wood Patio Door (L.M.I.)", sheets 1 through 9 of 9, dated March 03, 2007 with revision B dated September 10, 2007, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5191**, dated February 19, 2007, signed and sealed by Michael Wenzel, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4941**, dated December 11, 2006, signed and sealed by Edmundo Largaespada, P.E.
3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4944**, dated November 14, 2006, signed and sealed by Edmundo Largaespada, P.E.
4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4969**, dated August 21, 2006, signed and sealed by Edmundo Largaespada, P.E.


Jaime D. Gascon, P.E.

Chief, Product Control Division
NOA No. 07-0522.05

Expiration Date: October 04, 2012
Approval Date: October 04, 2007

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C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated May 14, 2007, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-98/ 02

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

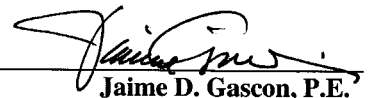
1. Notice of Acceptance No. **06-1205.10** issued to E.I. DuPont DeNemours Nemours & CO., Inc. for **"DuPont Sentry Glass Plus"** dated February 15, 2007, expiring on January 14, 2008.
2. Notice of Acceptance No. **03-0415.13** issued to Solutia Inc. for their **"Vanceva Composites used for lamination of glass"** dated December 11, 2003, expiring on December 11, 2008.
3. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours Nemours & CO., Inc. for **"DuPont Butacite PVB. Interlayer."** dated January 05, 2006, expiring on December 11, 2010.

F. STATEMENTS

1. Statement letter of conformance, compliance and no financial interest, dated April 24, 2007, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of conformance, dated January 25, 2007, signed and sealed by Edmundo Largaespada, P.E.

G. OTHER

1. None



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 07-0522.05
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FOR DESCRIPTION AND LOCATION OF
LOCKS AND HINGES SEE SHEET 4.

THESE DOORS ARE RATED FOR LARGE MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

EUROPEAN OUTSWING WOOD PATIO DOOR

SEE SHEET 2 FOR DESIGN LOAD RATINGS.
APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS.
ALSO SINGLE AND DOUBLE DOORS IN COMBINATION WITH SIDELITES
USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.
ALSO SINGLE AND DOUBLE DOORS WITH OR WITHOUT SIDELITES IN
COMBINATION WITH TRANSOMS USING MIAMI-DADE COUNTY APPROVED
MULLION IN BETWEEN.
LOWER DESIGN PRESSURES FROM DOOR, SIDELITE OR MULLION
APPROVAL WILL APPLY TO ENTIRE SYSTEM.

USE THRESHOLD (B) FOR INSTALLATIONS WHERE WATER
INFILTRATION RESISTANCE IS REQUIRED.

THRESHOLD (B1) MAY BE USED FOR INSTALLATIONS WHERE WATER
INFILTRATION RESISTANCE IS NOT REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING
HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

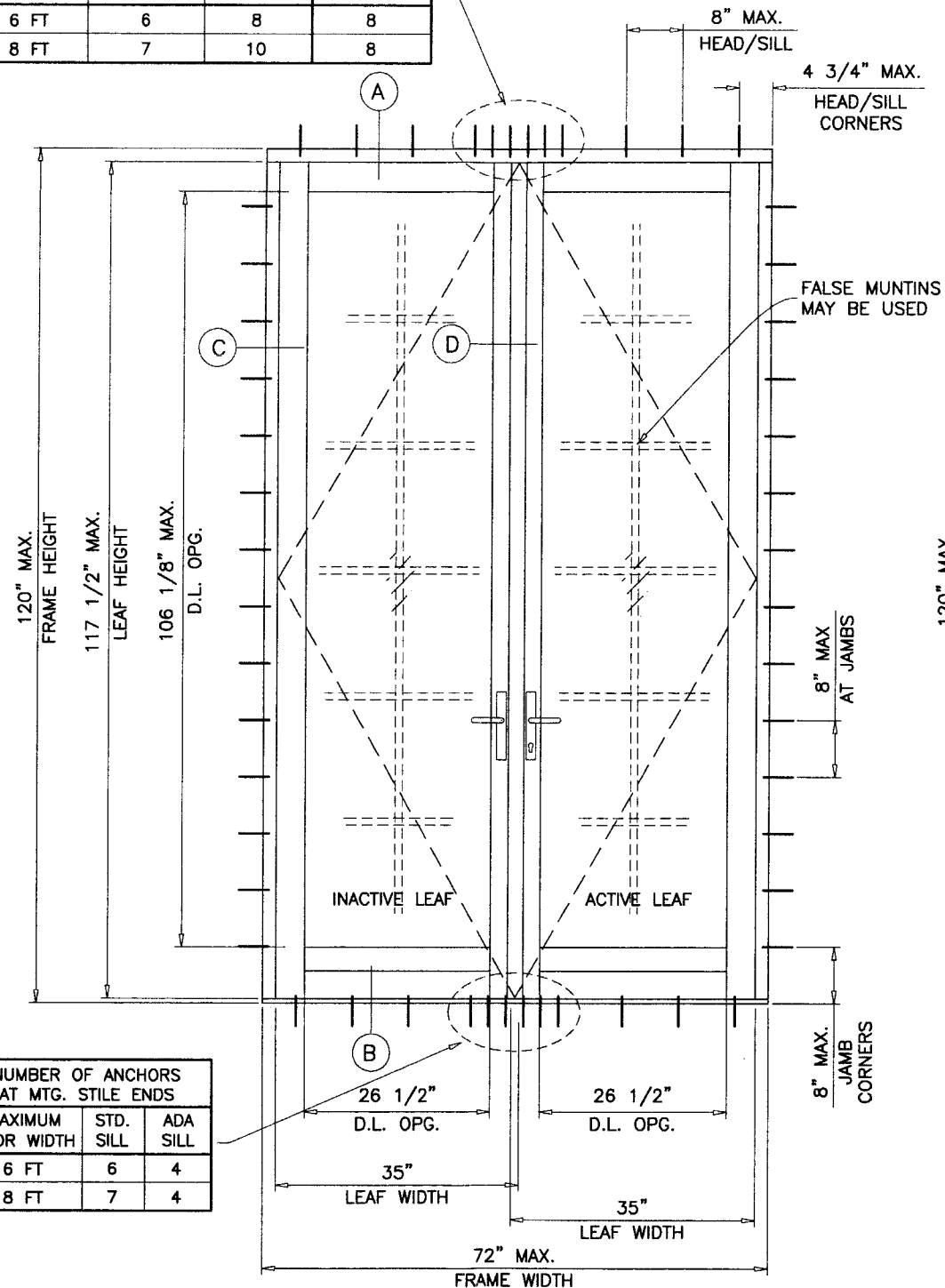
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS
ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IN ALLOWABLE STRESS IS USED IN DESIGN OF
ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO
CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS
OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.

NUMBER OF ANCHORS AT MTG. STILE ENDS			
MAXIMUM DOOR WIDTH	THRU DOOR FRAME	THRU STRAP CLIP	THRU CONT. ANGLE
6 FT	6	8	8
8 FT	7	10	8

NUMBER OF ANCHORS AT MTG. STILE ENDS		
MAXIMUM DOOR WIDTH	STD. SILL	ADA SILL
6 FT	6	4
8 FT	7	4



XX

TYPICAL ELEVATIONS

DOORS CAN BE INSTALLED WITH ANY OF THE FOLLOWING OPTIONS

- OPTION 1: BY USING FASTENERS THRU DOOR FRAME INTO
STRUCTURE AT 8" FROM CORNERS AND 8" O.C. MAX.
- OPTION 2: BY USING FASTENERS THRU STRAP CLIPS
AT 8" FROM CORNERS AND 8" O.C. MAX.
- OPTION 3: BY USING FASTENERS THRU CONT. ALUM ANGLE
AT 8" FROM CORNERS AND 8" O.C. MAX.

SEE SHEETS 4 THRU 7 FOR DETAILS.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

Approved as complying with the
Florida Building Code
Date 10/04/2007
NOA# 07-0522.05
Miami Dade Product Control
Division
By

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-8978
COMP-ANL\W07-16HWD

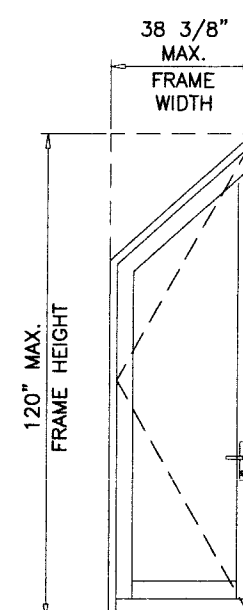
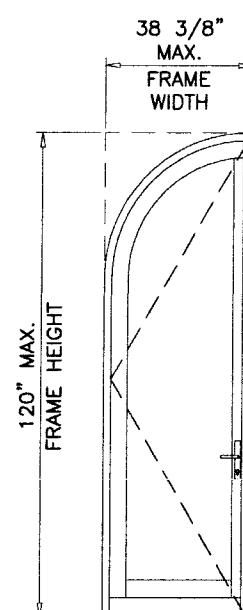
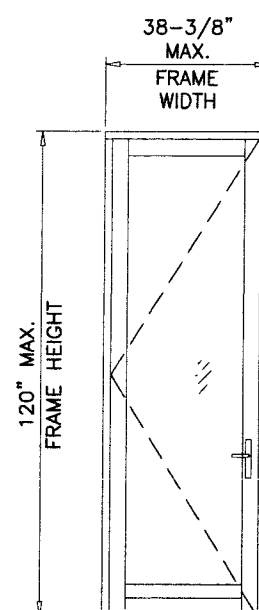
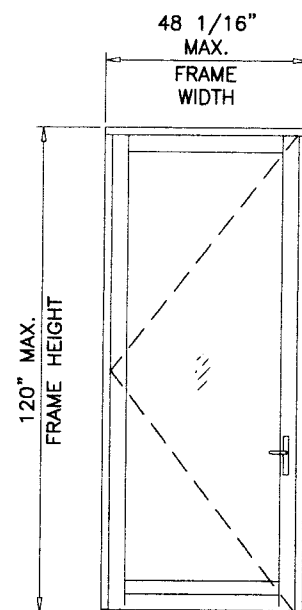
EUROPEAN OUTSWING WOOD PATIO DOOR (L.M.I.)
HARTMAN WINDOWS & DOORS, LLC
531 SOUTHERN BLVD.
WEST PALM BEACH, FL 33405
TEL. (561) 296-9600 FAX. (561) 296-9601

no	date	by	description	REV.	PER	COMMENTS
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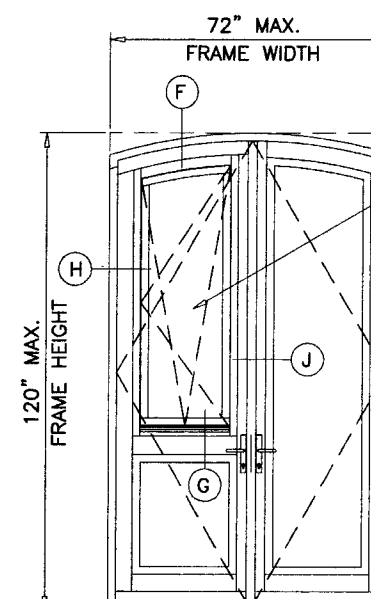
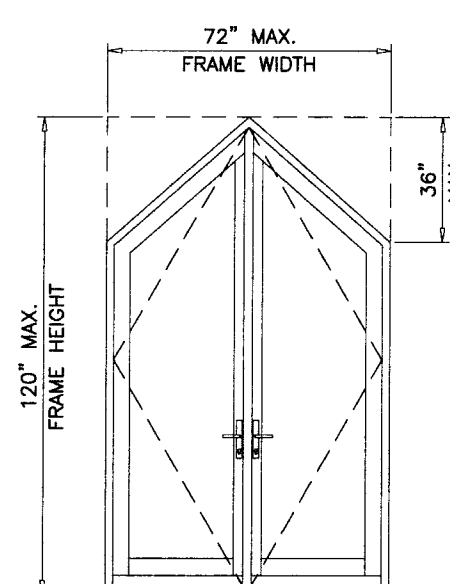
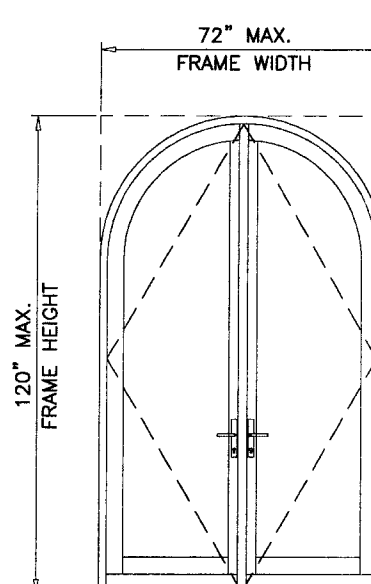
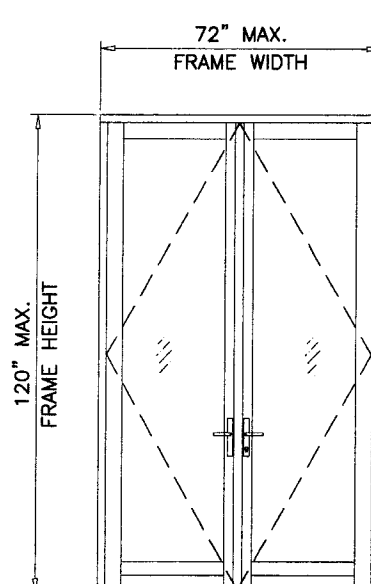
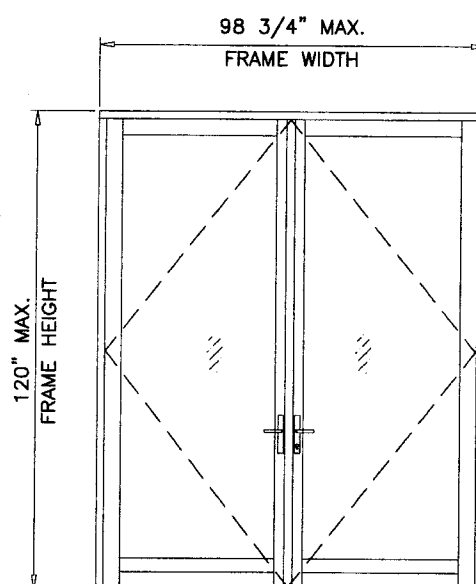
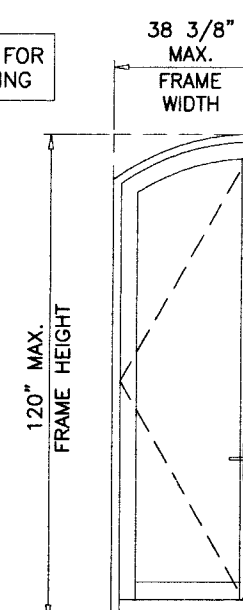
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dr. by: HAMID
chk. by:

drawing no.
W07-16

sheet 1 of 9



SEE SHEET 1 FOR
ANCHOR SPACING



DOOR LEAF WITH
WINDOW INSERT
SEE SEPARATE NOA
FOR WINDOW CAPACITY

GLAZING TYPES 'F' & 'G' ONLY

GLAZING TYPES 'A' 'B' 'C' 'D' 'E' 'F' 'G' 'H' & 'I'

ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE
VERIFIED BY INSCRIBING DOOR SHAPE WITHIN RECTANGLE AS SHOWN IN DOTTED
LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

APPROVED CONFIGURATIONS

MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 70.0 PSF

FOR DESCRIPTION AND LOCATION OF
LOCKS AND HINGES SEE SHEET 4.

NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-02 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

Approved as complying with the
Florida Building Code
Date 10/04/2007
NOA# 87-0522.05
Miami Dade Product Control
Division
By

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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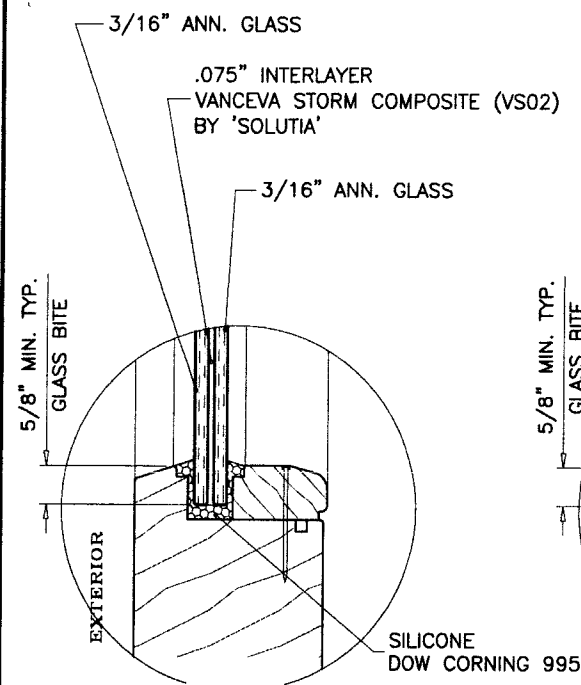
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revisions:	no	date	by	description
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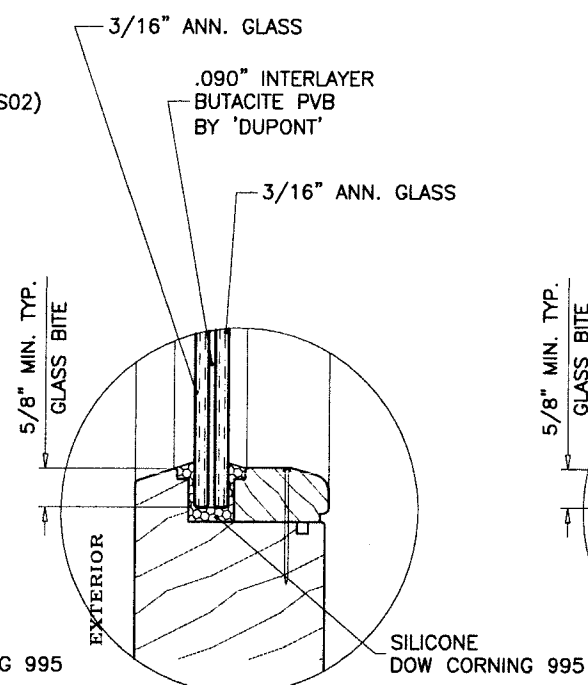
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drawing no.
W07-16

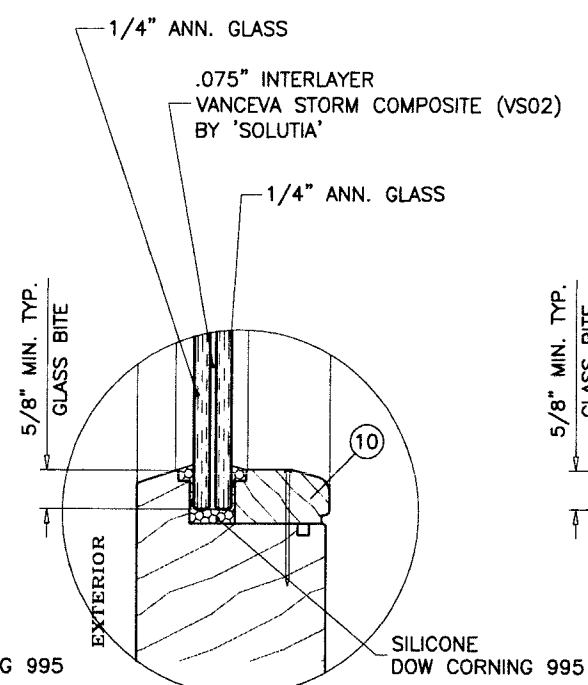
sheet 2 of 9



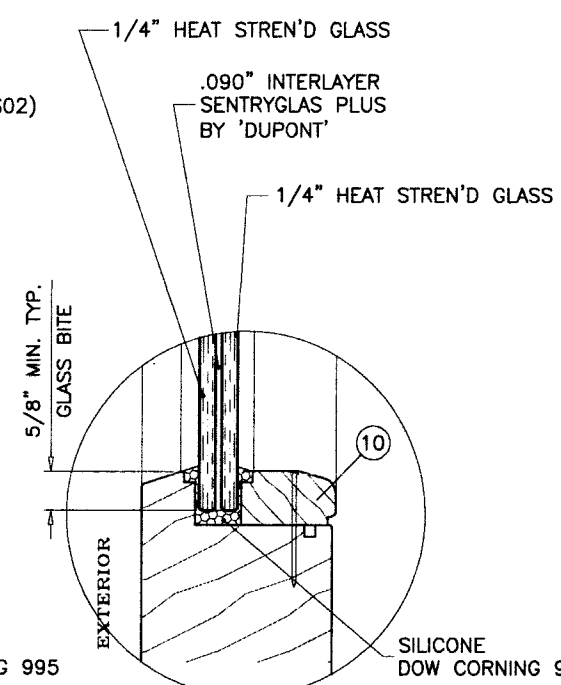
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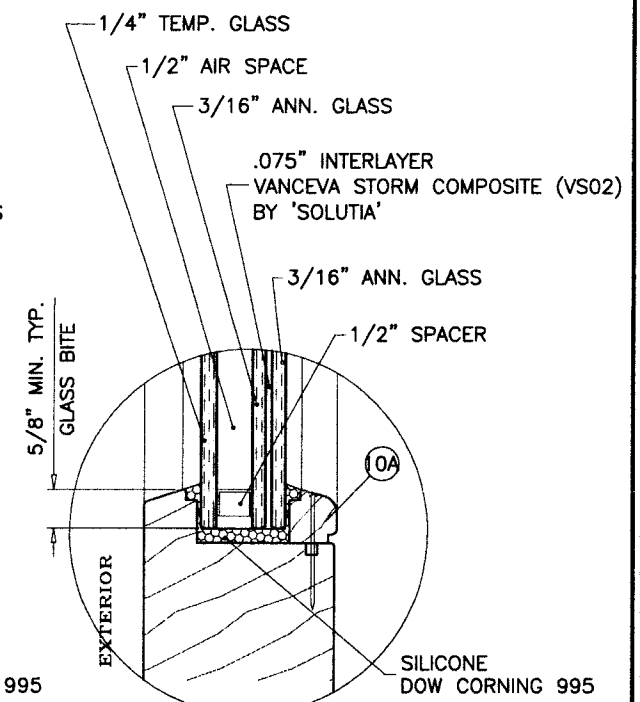
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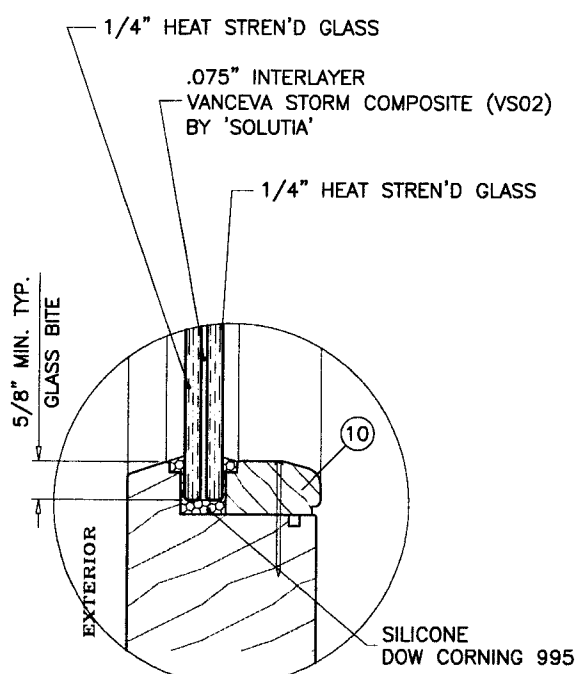
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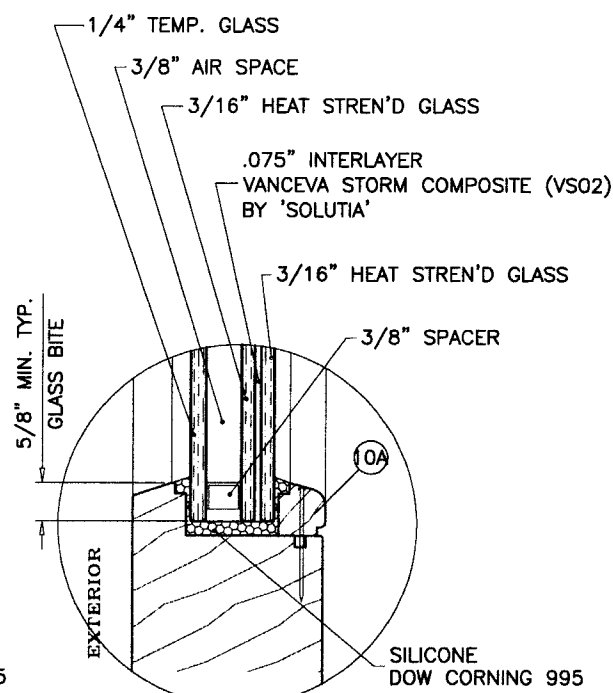
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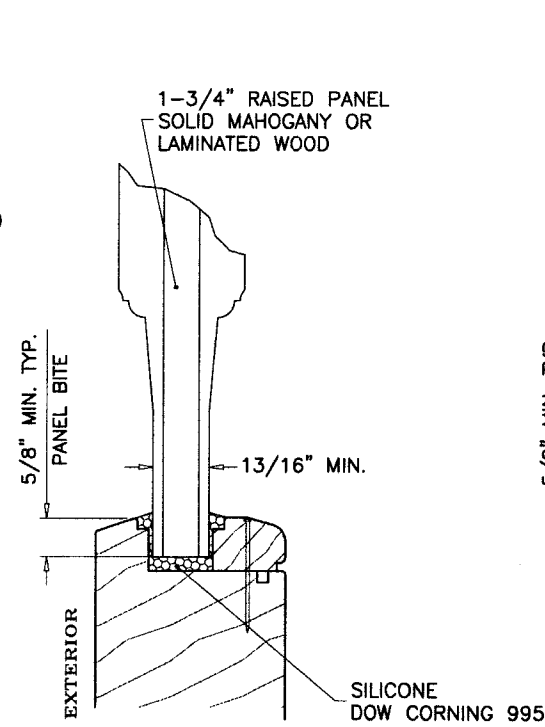
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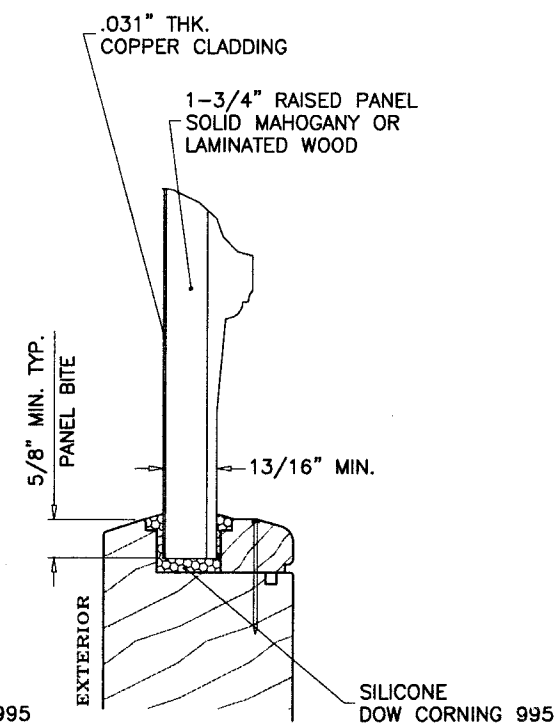
GLAZING TYPE 'F'



GLAZING TYPE 'G'



GLAZING TYPE 'H'



GLAZING TYPE 'I'

GLAZING OPTIONS

Engr: DR. HUMAYOUN FAROOQ
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SEP 10 2007

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Date 10/04/2007
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Miami Dade Product Control
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By *[Signature]*

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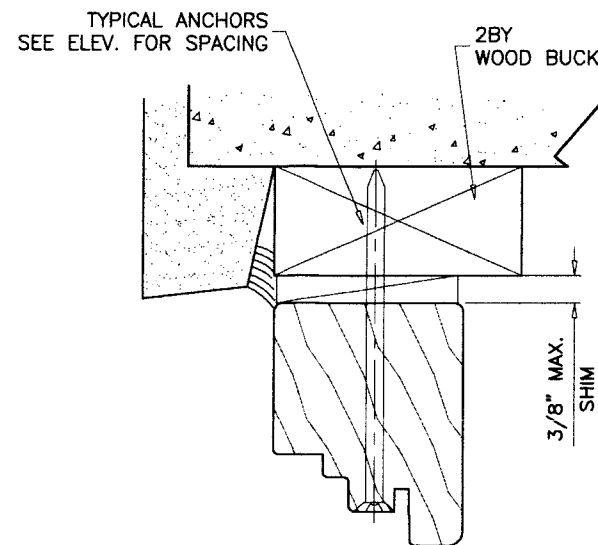
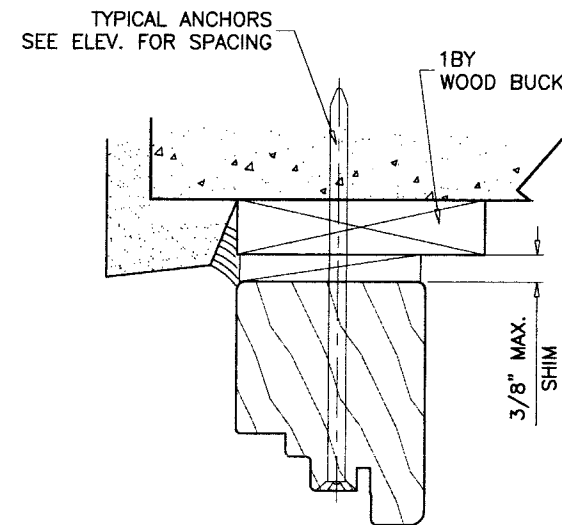
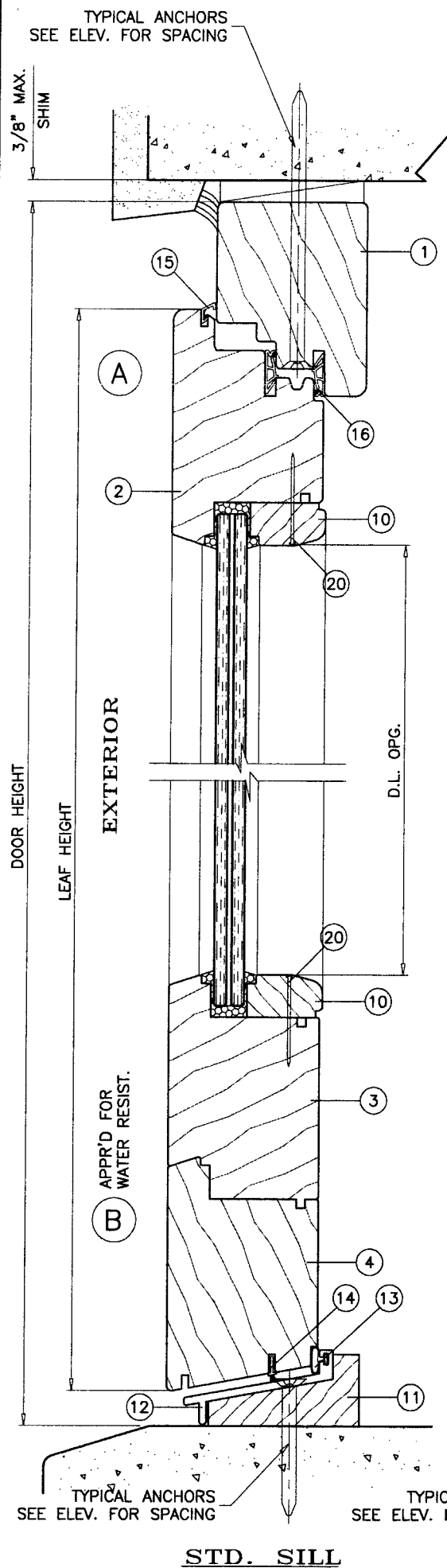
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no	date	by	description
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date: 03-03-07
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W07-16

sheet 3 of 9



WOOD BUCKS NOT BY HARTMAN WINDOWS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS

ANCHORS THRU DOOR FRAME

1/4" DIA. TAPCONS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-3/8" MIN. PENETRATION INTO WOOD

THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

ANCHORS THRU STRAP CLIPS & ALUM ANGLE

A: #10 SMS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD

B: 3/16" DIA. TAPCONS

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-3/8" MIN. PENETRATION INTO WOOD

THRU WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

ANCHOR EDGE DISTANCES

INTO CONCRETE AND MASONRY = 1-1/2" MIN. (UNLESS SPECIFIED)
INTO WOOD STRUCTURE = 3/4" MIN. (UNLESS SPECIFIED)

ANCHORS CL TO CL DISTANCE

INTO CONCRETE AND MASONRY = 3" MIN.
INTO WOOD STRUCTURE = 3/4" MIN. (UNLESS SPECIFIED)

SEALANT:

LOWER FRAME CORNERS SEALED WITH SILICONE.

HINGES:

5/8" X 3-1/4" ST. STEEL TWO PIECE DRIVE-IN BARREL HINGES
AT 6" FROM TOP & BOTTOM AND 13-3/8" O.C. MAX.

LOCKS:

SINGLE LEAF DOORS

6 POINT LOCKING SYSTEM WITH KEEPERS ON FRAME
AND SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL
ACTUATING HANDLE AT 37" FROM BOTTOM.
DEAD BOLT LOCK AT 33-1/2" FROM BOTTOM.

4-3/4" LONG KEEPERS AT 19-1/2" AND 83" FROM BOTTOM
FASTENED W/ (2) #8 X 1-1/4" FH SMS

9-3/4" LONG KEEPER AT 38" FROM BOTTOM
FASTENED W/ (3) #8 X 1-1/4" FH SMS

DOUBLE LEAF DOORS

ACTIVE LEAF:

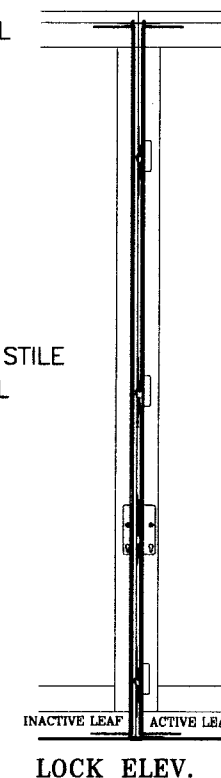
6 POINT LOCKING SYSTEM WITH KEEPERS ON IN-ACTIVE LOCK STILE
AND SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL
ACTUATING HANDLE AT 37" FROM BOTTOM.
DEAD BOLT LOCK AT 33-1/2" FROM BOTTOM.

4-3/4" LONG KEEPERS AT 19" AND 53-1/2" FROM BOTTOM
FASTENED W/ (2) #8 X 1-3/4" FH SMS

9-5/8" LONG KEEPER AT 39-1/2" FROM BOTTOM
FASTENED W/ (3) #8 X 1-3/4" FH SMS

IN-ACTIVE LEAF:

2 POINT LOCKING SYSTEM WITH
SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL
ACTUATING HANDLE AT 39" FROM BOTTOM.



Engr: DR. HUMAYOUN FAROOQ
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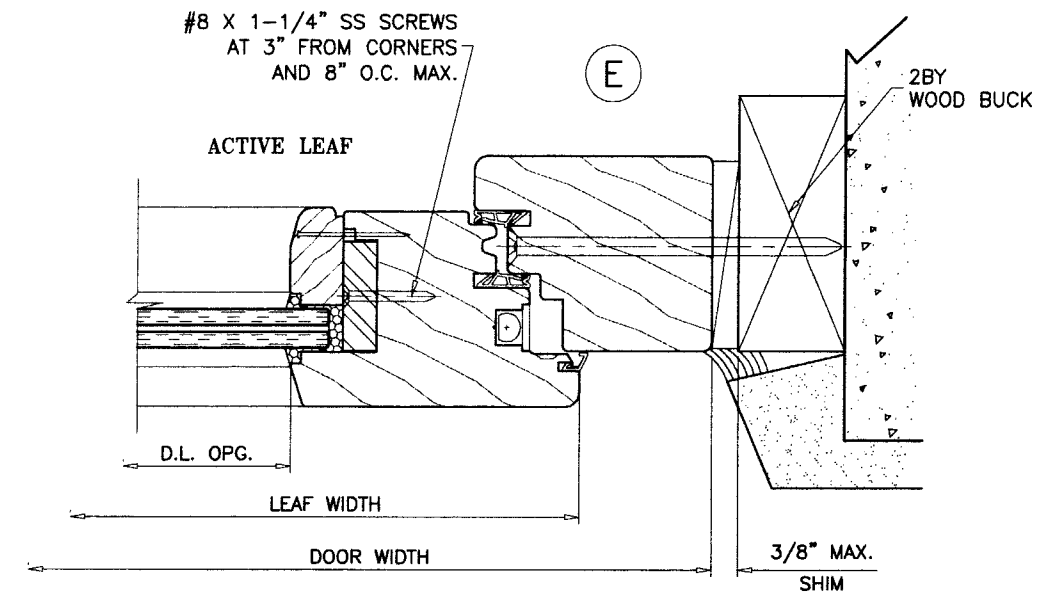
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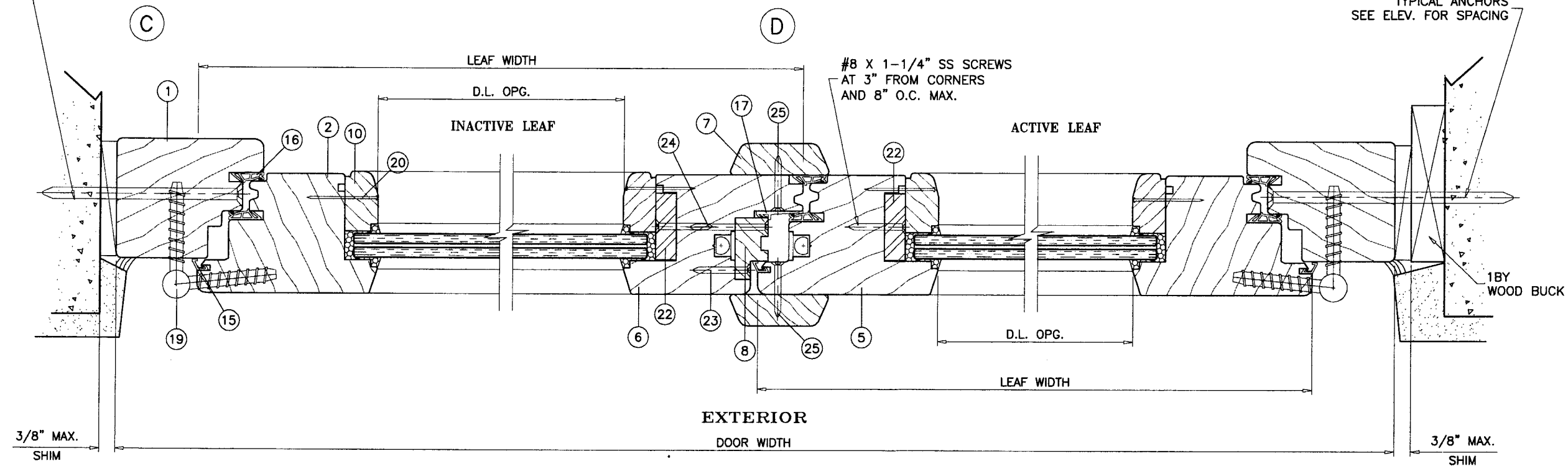
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revisions:	no.	date	by	description
	A	09.04.07		REV. PER BCCO COMMENTS
date:	03-03-07			
scale:	3/8" = 1"			
dr. by:	HAMID			
chk. by:				
drawing no.	W07-16			
sheet	4 of 9			

FOR DOOR FRAME INSTALLATION WITH
STRAP CLIPS OR CONT. ALUM ANGLE
SEE SHEET 7 FOR DETAILS.

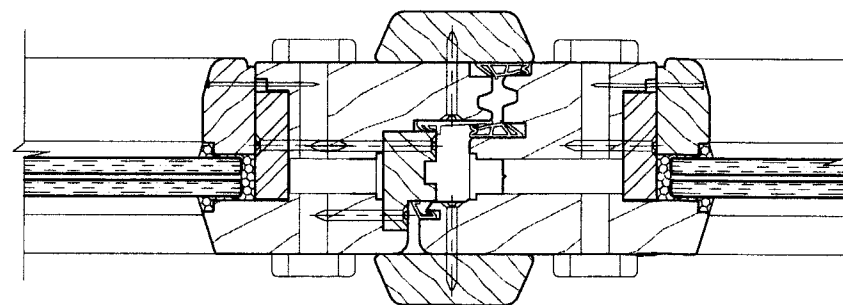


TYPICAL ANCHORS
SEE ELEV. FOR SPACING



TYPICAL ANCHORS
SEE ELEV. FOR SPACING

D
LOCK SECTION



SEE SHEET 4 FOR LOCK DESCRIPTION.

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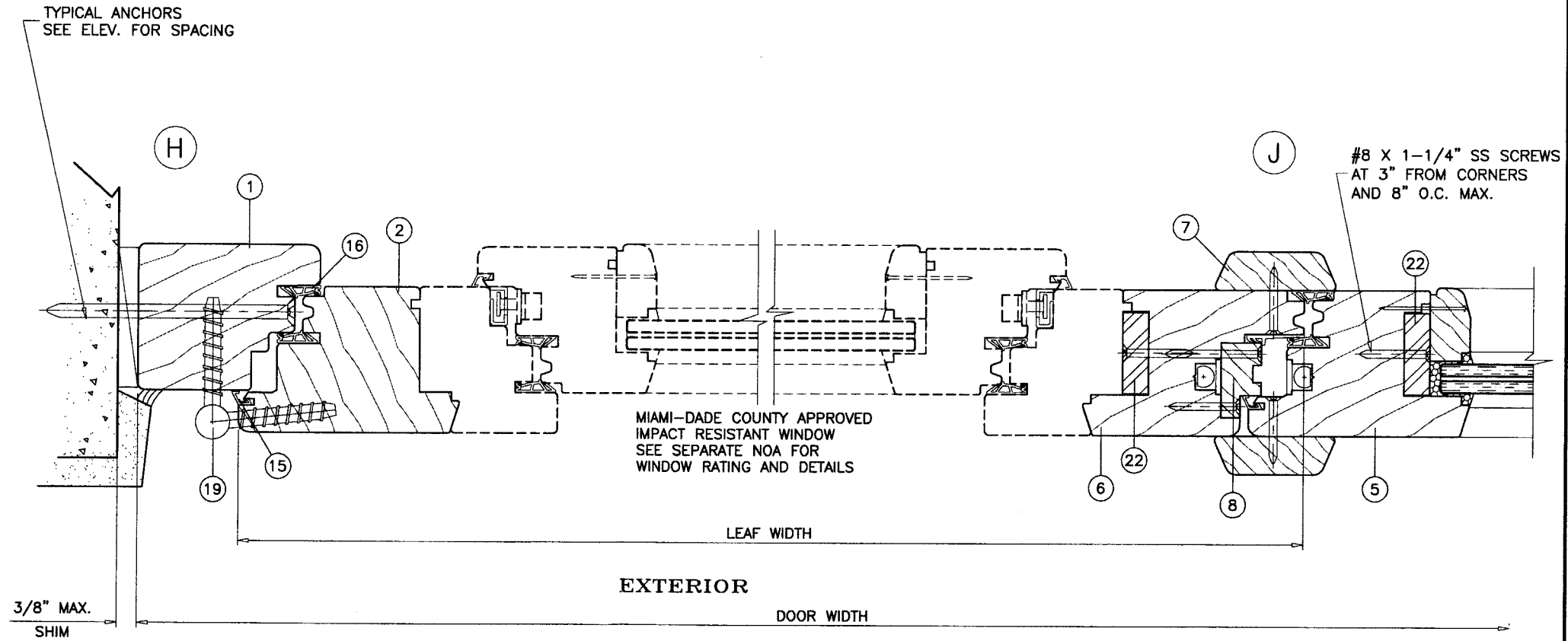
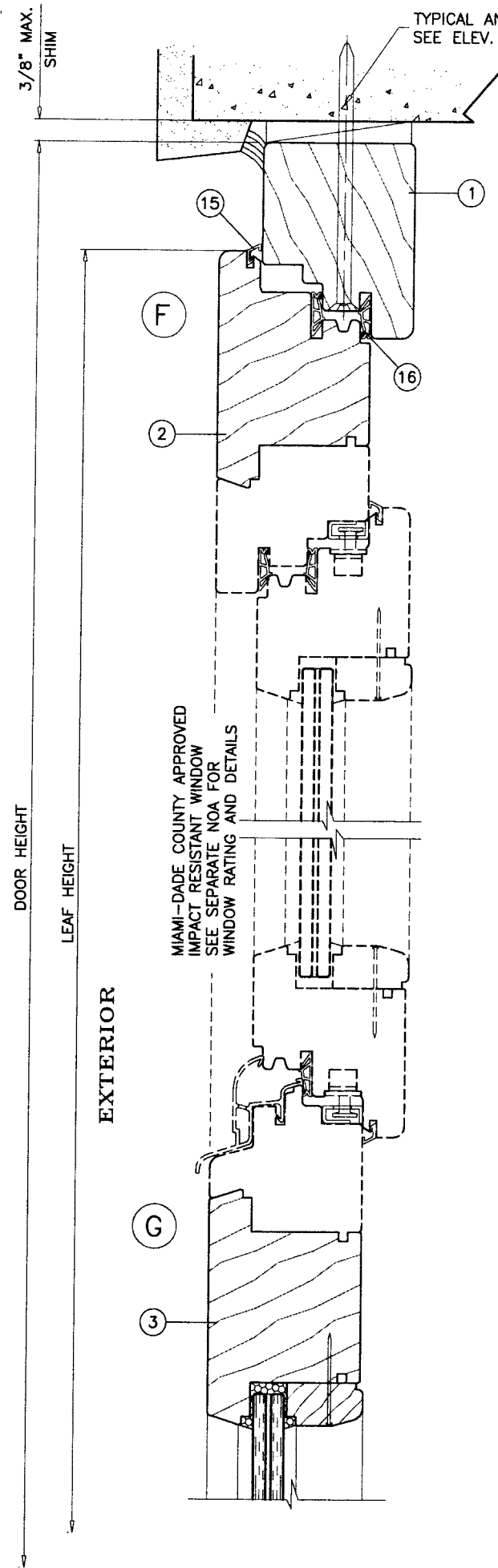
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EUROPEAN OUTSWING WOOD PATIO DOOR (L.M.I.)
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WEST PALM BEACH, FL 33405
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date:	03-03-07	scale:	3/8" = 1"	dr. by:	HAMID
chk. by:					
drawing no.	W07-16				
sheet	5 of 9				



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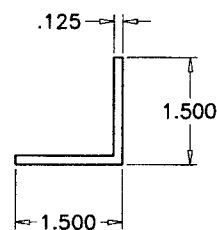
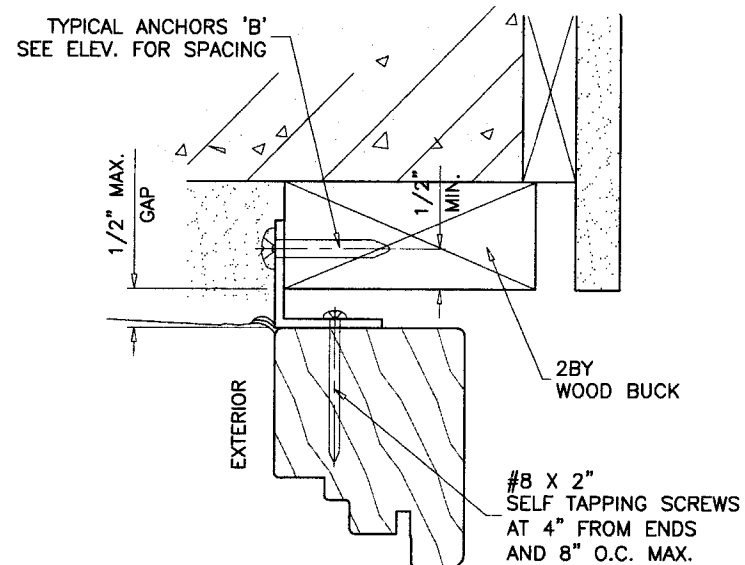
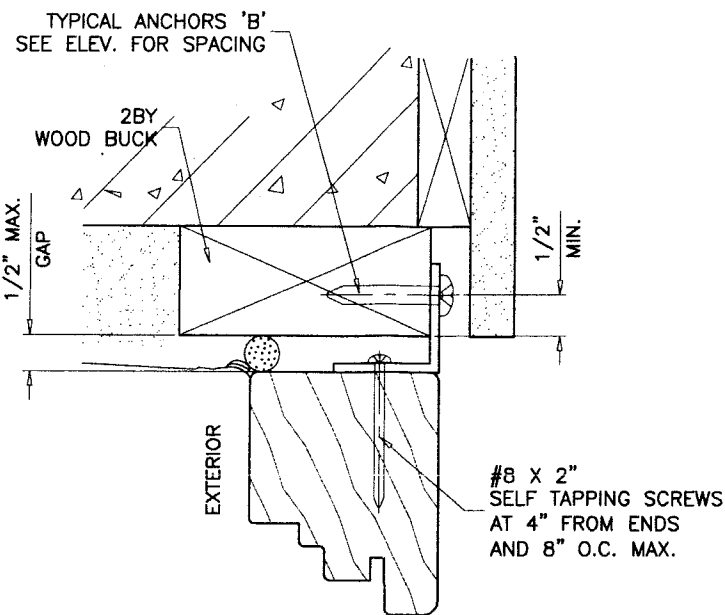
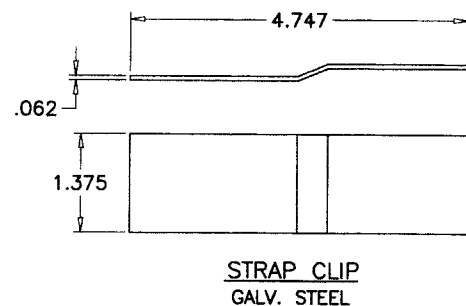
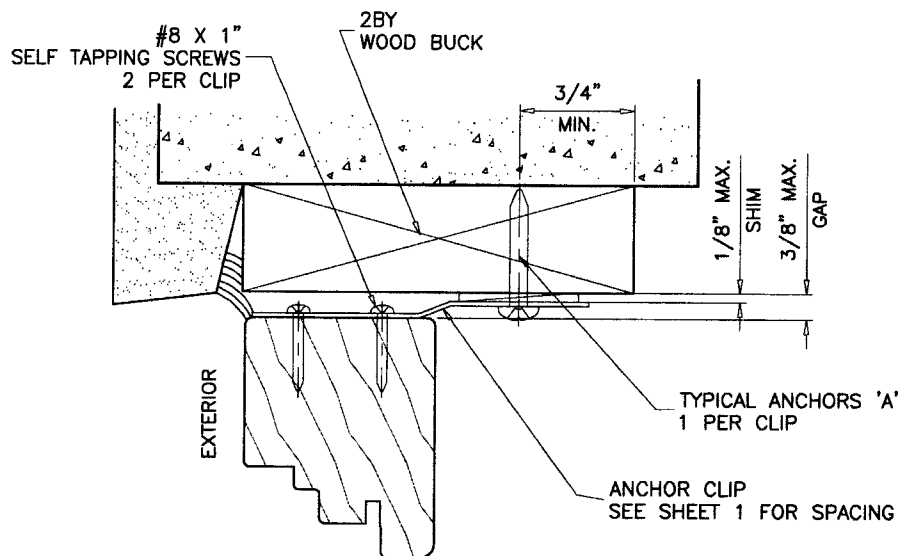
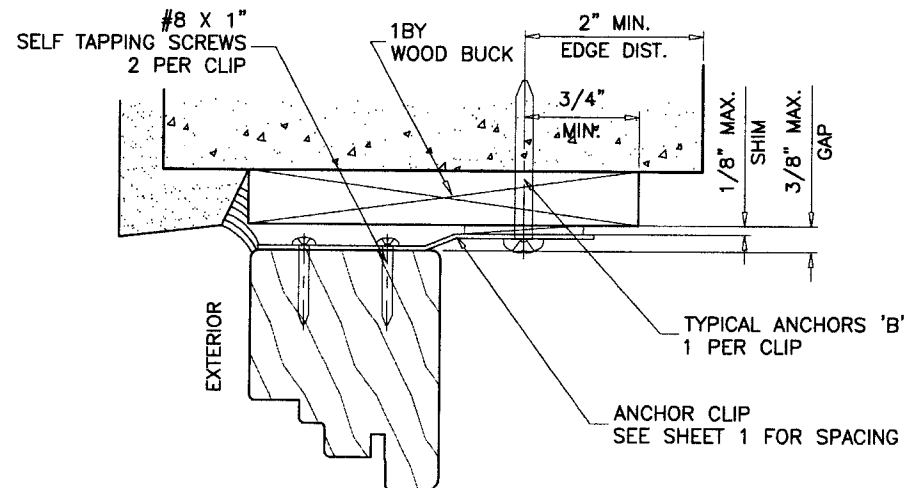
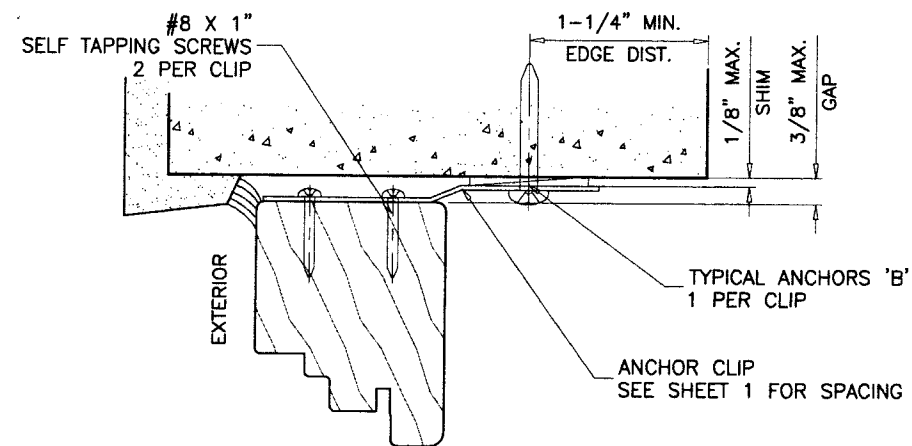
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chk. by:

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ALUMINUM ANGLE CONT.
(6063-T5)

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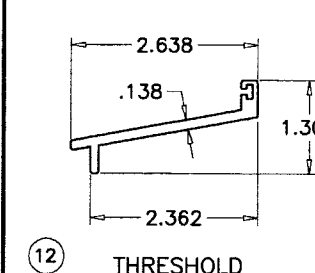
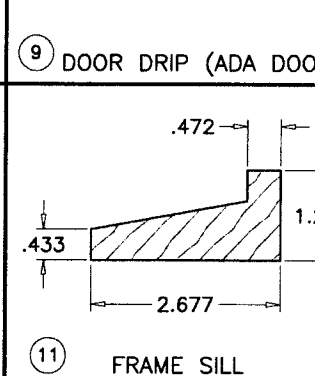
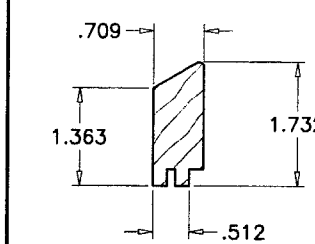
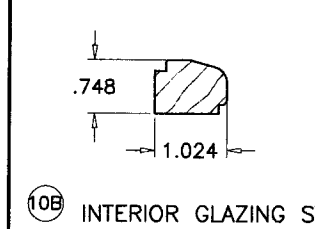
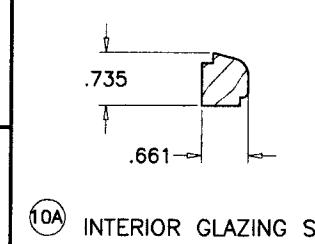
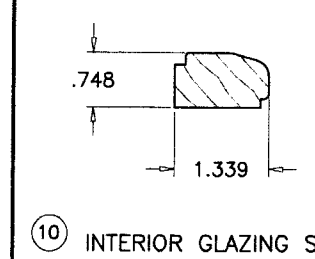
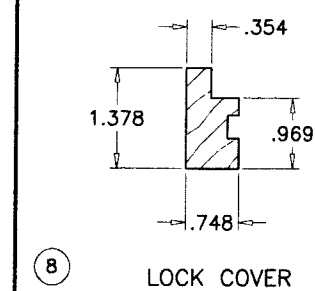
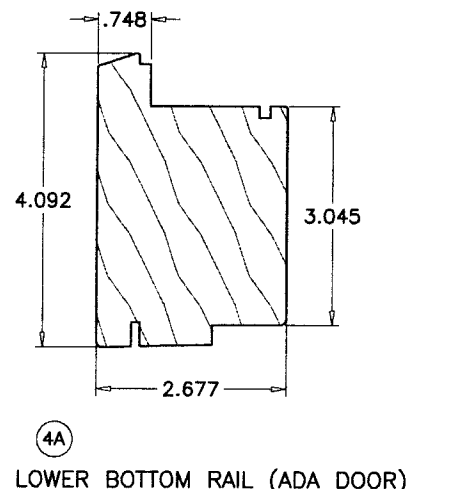
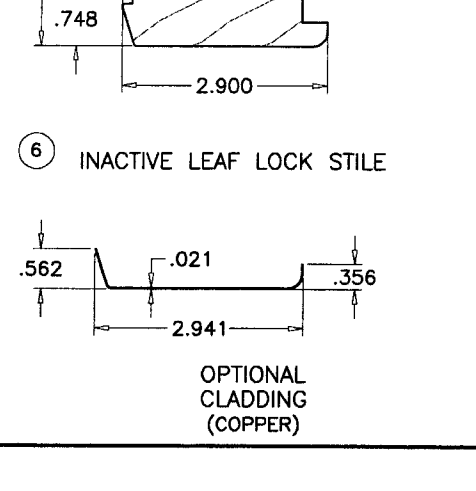
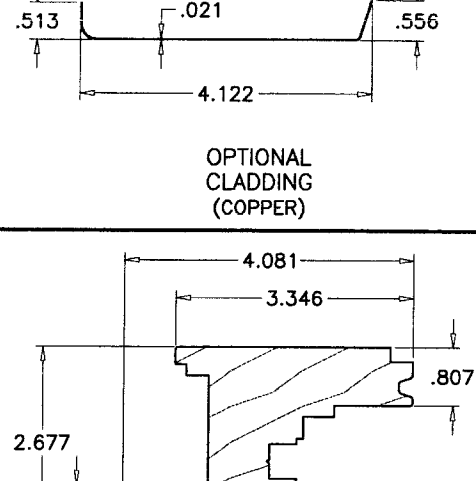
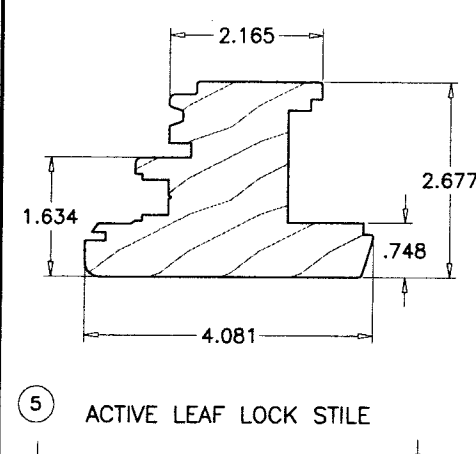
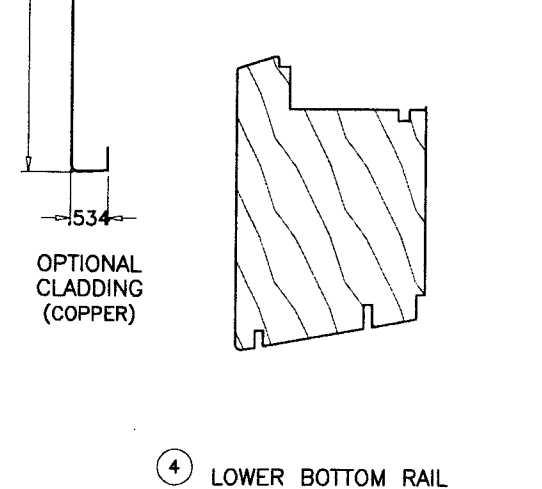
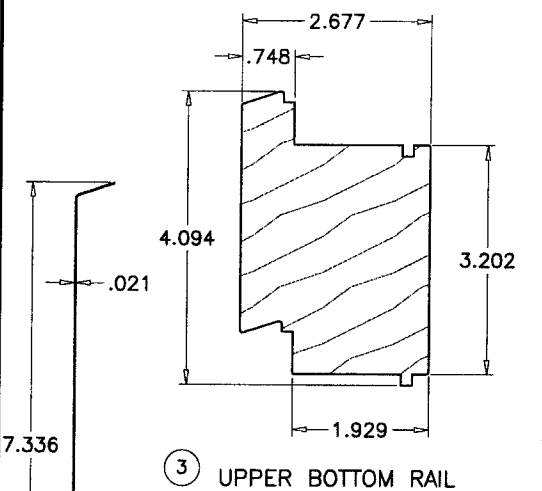
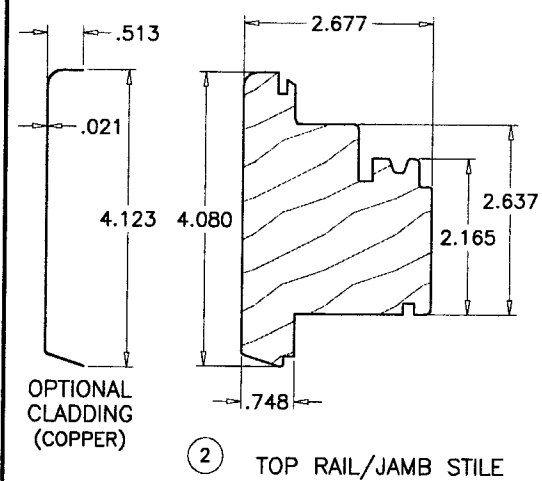
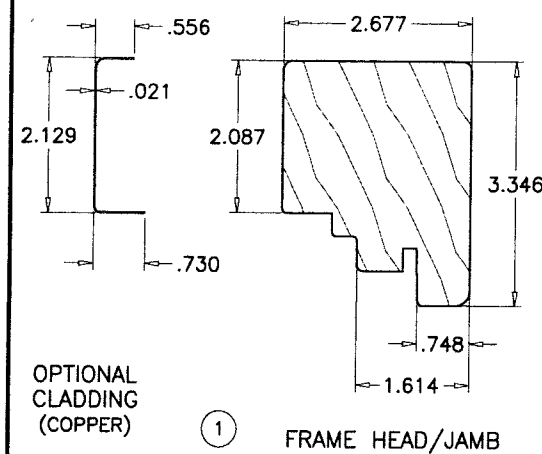
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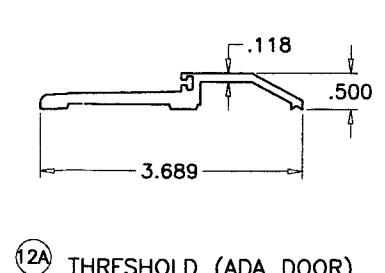
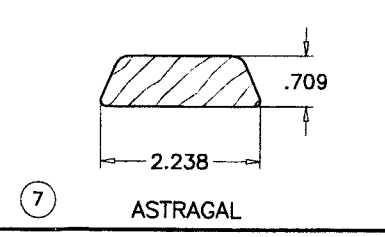
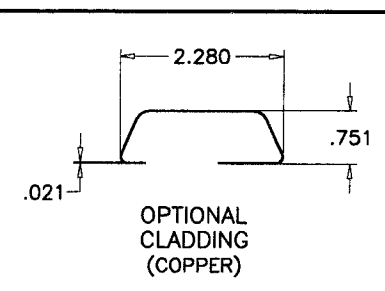
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drawing no.
W07-16
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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	3/	DOOR FRAME HEAD/JAMB	WOOD	MAHOGANY
2	-	2/	LEAF TOP RAIL/JAMB STILE	WOOD	MAHOGANY
3	-	1/	LEAF UPPER BOTTOM RAIL	WOOD	MAHOGANY
4	-	1/	LEAF LOWER BOTTOM RAIL	WOOD	MAHOGANY
4A	-	1/	LEAF LOWER BOTTOM RAIL (ADA DOOR)	WOOD	MAHOGANY
5	-	1/	LEAF ACTIVE LEAF LOCK STILE	WOOD	MAHOGANY
6	-	1/	LEAF INACTIVE LEAF LOCK STILE	WOOD	MAHOGANY
7	-	AS REQD.	ASTRAGAL	WOOD	MAHOGANY
8	-	AS REQD.	LOCK COVER	WOOD	MAHOGANY
9	-	1	LEAF DOOR DRIP	WOOD	MAHOGANY
10	-	4/	LEAF GLAZING STOP (LAM. GLASS)	WOOD	MAHOGANY
10A	-	4/	LEAF GLAZING STOP (INSUL. LAM. GLASS)	WOOD	MAHOGANY
10B	-	4/	LEAF GLAZING STOP (WOOD PANEL)	WOOD	MAHOGANY
11	-	1	FRAME SILL	WOOD	MAHOGANY
12	-	1	THRESHOLD	BRASS	-
12A	-	1	THRESHOLD	ALUMINUM	-
13	-	AS REQD.	THERMOPLASTIC BULB GASKET	VINYL	OLIMPIA
14	-	AS REQD.	BRUSH WEATHERSTRIPPING	-	SCHLEGEL
15	1500450	AS REQD.	THERMOPLASTIC GASKET	VINYL	OLIMPIA
16	1500430	AS REQD.	THERMOPLASTIC GASKET	VINYL	OLIMPIA
17	1500512	AS REQD.	THERMOPLASTIC GASKET	-	OLIMPIA
18	V992	AS REQD.	NORTON NORSEAL TAPE	-	TOTAL PLASTICS
19	-	6/	LEAF 5/8" X 3-1/4" ADJUSTABLE BARREL HINGE	ST. STEEL	-
20	-	AS REQD.	18 GA. X 1-1/2" BRAD NAILS	-	3" FROM ENDS & 8" O.C.
21	-	AS REQD.	18 GA. X 1-1/2" BRAD NAILS	-	3" FROM ENDS & 12" O.C.
22	-	-	REINFORCING BAR	STEEL	-
23	-	AS REQD.	#8 X 1-1/4" SCREWS	-	2" FROM ENDS & 8" O.C.
24	-	AS REQD.	#8 X 1-3/4" SCREWS	-	2" FROM ENDS & 8" O.C.
25	-	AS REQD.	#8 X 1-1/4" SCREWS	-	6" FROM ENDS & 13-1/2" O.C.



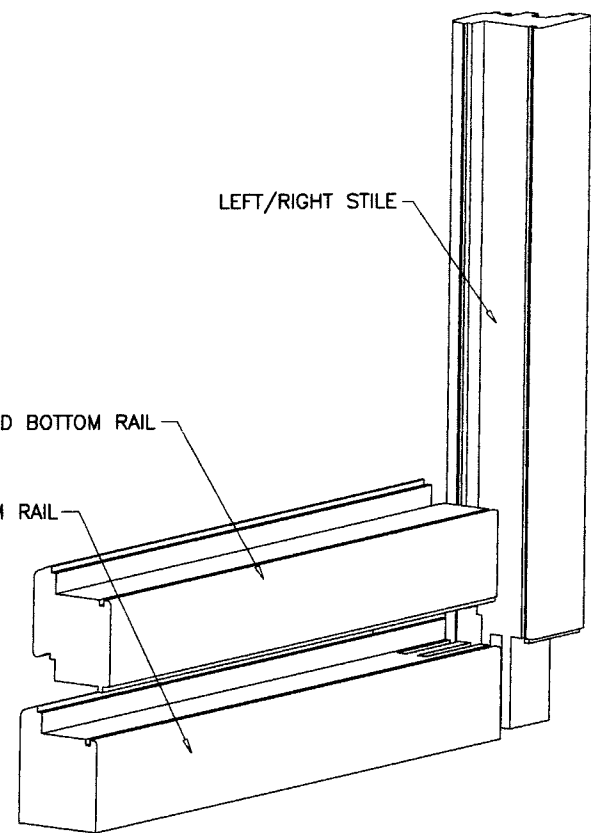
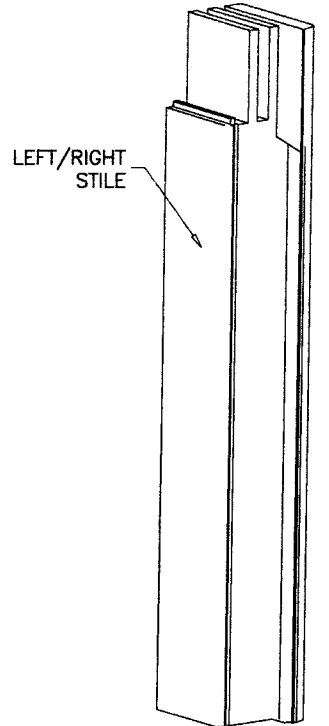
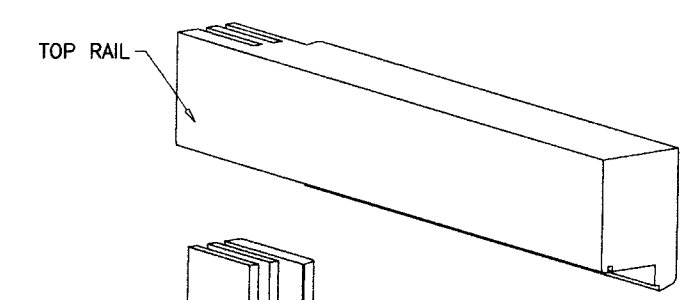
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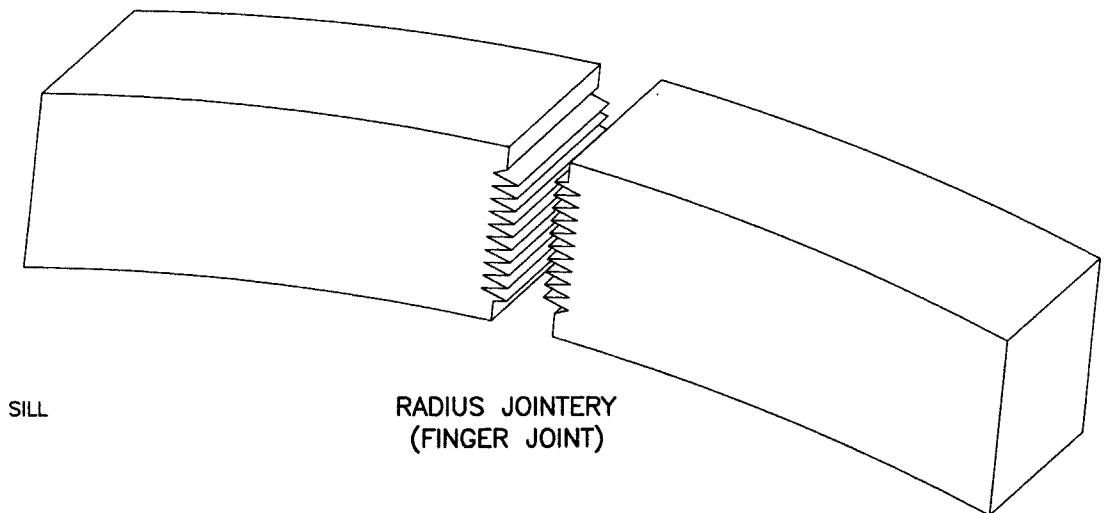
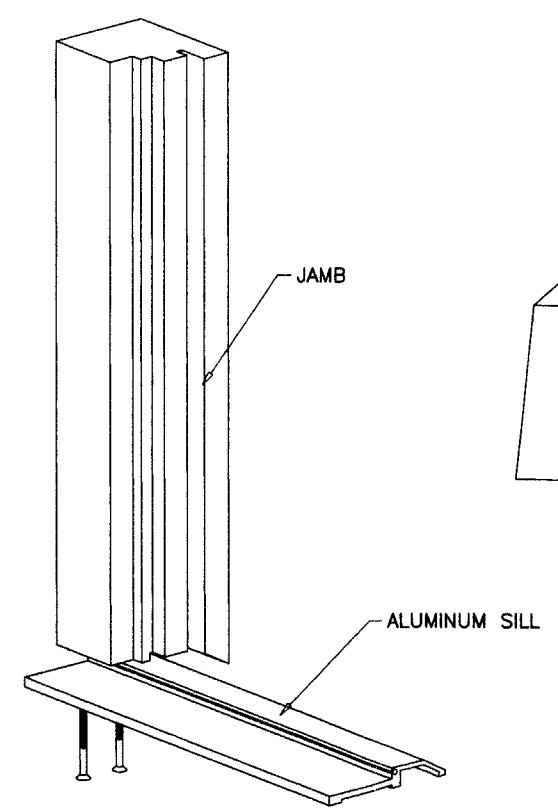
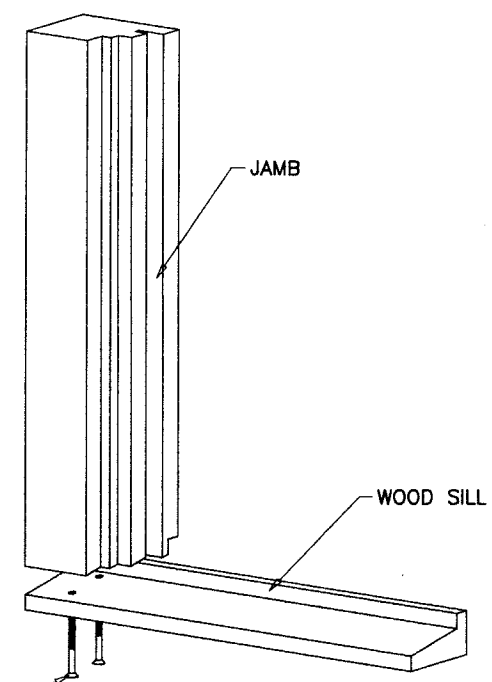
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dr. by:	HAMID			
chk. by:				
drawing no.	W07-16			
sheet	8 of 9			



SASH: MULTI-FORK MORTISE AND TENON JOINERY SECURED WITH NATIONAL CASEINE OR TITE BOND II WATERPROOF GLUE



#12 X 2-1/2" FH WOOD SCREWS

JAMB BOTTOM: HALF LAP SECURED WITH #12X2-1/2 s.s. SCREWS NP-1 GLUE

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